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Amdt. sent July 16, 2007
Reply to Office Action of January 25, 2007

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Amendments to the Claims:

Claims 10-13 are pending. Claims 1-9 and 14-20 have been cancelled. This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1 - 9.   (Canceled)

10.   (Previously Presented) A wireless mouse configured to establish a link with a host computer, said mouse comprising:

a transceiver for transmitting data to and receiving data from a host transceiver unit, wherein said host transceiver unit is connected with said host;

a processor connected with said transceiver and configured to process data from said host and said wireless mouse;

a power circuit connected with said processor and configured to regulate the power usage of said wireless mouse, wherein said power circuit comprises:

a battery,

a computer readable media having instructions thereon, wherein said instructions comprise

routines for monitoring the operational state of said wireless mouse,

routines for controlling the operation of said human interface device using said operational state of said wireless mouse, wherein said routines for controlling the operation of said wireless mouse comprise a routine for keeping the transceiver off during the periods where the transceiver is not exchanging data with said host transceiver unit; and

a motor connected with same processor and said power circuit to provide vibration feedback to an operator of said mouse, wherein

said routines for controlling the operation of said mouse further comprise a routine for:

monitoring the battery voltage, and

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scaling the drive to said motor as a function of said battery voltage to provide a substantially constant motor output force regardless of the battery voltage.

11.   (Previously Presented) The wireless mouse of claim 10 wherein said routines for controlling the operation of said mouse further comprise a routine for providing a maximum motor output force at a minimum battery level

12.   (Previously Presented) The wireless mouse of claim 10 wherein said routines for controlling the operation of said mouse further comprise a routine for:

reducing the power delivered to said motor when said battery's voltage level is below a first threshold, and

indicating the battery level to an operator of said mouse.

13.   (Previously Presented) The wireless mouse of claim 12 wherein said reducing the power delivered to said motor when said battery's voltage level is below a threshold, includes:

reducing the power to said motor to zero, when said battery's voltage level is below a second threshold, which is lower than said first threshold, and

indicating the battery level to an operator of said device.

14 - 20.   (Canceled).